

ASS.
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The Commonwealth of Massachusetts

1933

ASSESSMENTS

FOR

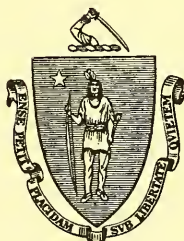
INTEREST, SINKING FUNDS,
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

ISSUED BY THE

TREASURER AND RECEIVER-GENERAL



THE COMMONWEALTH OF MASSACHUSETTS

TREASURY DEPARTMENT, Sept. 1, 1933.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1933, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1932, bonds have been issued as follows:—

Metropolitan Water	\$6,000,000
Metropolitan Sewer (South System)	615,000

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

Metropolitan Sewer

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

Metropolitan Water

SECTION 26. The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuation for the preceding year, and the remaining two thirds in proportion to their consumption, in said year, of water received from all sources of supply as determined by the commission and certified to said treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, determined as aforesaid, or which has not made application to said commission for water; and provided further, that any town assessed upon its full valuation which obtains a part of its water supply from its own works or receives a supply from a water company shall be allowed and credited in its apportionments with a sum equal to twelve dollars for

each million gallons of water furnished as aforesaid, as determined by said commission and certified to said treasurer. The state treasurer shall annually notify each town of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of and as part of its state tax. . . .

Metropolitan Parks

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations and boulevards, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the last census, state or national, next prior to such apportionment.

CHARLES F. HURLEY,
Treasurer and Receiver-General.

Total Assessments for Metropolitan Districts for 1933.

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington	\$76,697 03	\$33,375 61	\$26,683 09n	\$5,123 99	\$141,879 72
Belmont	57,431 85	23,496 00	17,483 74n	3,809 85	102,221 44
Boston	2,935,547 99	997,457 97	{ 58,735 66n 412,933 78s	183,309 12	4,587,984 52
Braintree	—	13,969 45	32,507 54s	2,123 90	48,600 89
Brookline	195,690 02	78,461 70	125,821 66s	14,185 04	414,158 42
Cambridge	—	107,088 44	84,976 86n	42,482 32	234,547 62
Canton	—	7,928 62	15,850 15s	777 16	24,555 93
Chelsea	107,323 38	32,573 41	29,942 66n	4,444 62	174,284 07
Cohasset	—	298 71	—	—	298 71
Dedham	—	17,046 30	20,289 84s	2,079 92	39,416 06
Dover	—	1,803 87	—	320 55	2,124 42
Everett	139,685 19	40,605 33	35,468 85n	6,021 40	221,780 77
Hingham	—	7,665 65	—	1,274 27	8,939 92
Hull	—	7,389 36	—	1,470 14	8,859 50
Lexington	26,515 51	—	4,715 02n	—	31,230 53
Lynn	—	81,413 67	—	11,783 32	93,196 99
Malden	119,734 11	45,526 52	39,772 17n	5,919 83	210,952 63
Medford	119,872 20	49,963 47	40,638 09n	6,633 69	217,107 45
Melrose	55,295 91	20,149 10	16,643 37n	3,035 54	95,123 92
Milton	39,644 38	18,369 79	28,935 46s	3,027 00	89,976 63
Nahant	7,779 72	2,675 97	—	481 92	10,937 61
Needham	—	65,720 87	18,699 04s	1,947 01	86,366 92
Newton	16,871 41	79,097 52	125,173 52s	13,337 01	234,479 46
Norwood	—	—	44,945 79s	—	44,945 79
Quincy	186,906 74	76,384 07	106,393 10s	10,620 43	380,304 34
Reading	—	—	7,069 58n	—	7,069 58
Revere	71,209 80	116,852 02	22,980 63n	3,281 72	214,324 17
Saugus	—	9,270 07	—	1,173 02	10,443 09
Somerville	273,312 32	76,394 51	67,867 20n	10,076 80	427,650 83
Stoneham	24,310 48	8,966 35	7,091 46n	1,244 53	41,612 82
Stoughton	—	—	16,424 70s	—	16,424 70
Swampscott	29,981 86	12,744 59	—	2,158 39	44,884 84
Wakefield	—	12,905 88	11,216 67n	1,862 53	25,985 08
Walpole	—	—	25,775 78s	—	25,775 78
Waltham	—	32,575 88	52,638 64s	4,808 51	90,023 03
Watertown	78,865 25	30,146 29	46,787 58s	4,527 83	160,326 95
Wellesley	—	17,211 64	27,494 61s	3,055 16	47,761 41
Weston	—	4,418 65	—	762 28	5,180 93
Westwood	—	7,347 85	—	414 21	7,762 06
Weymouth	—	24,657 51	48,941 00s	3,960 47	77,558 98
Winchester	—	15,744 07	11,065 73n	2,669 74	29,479 54
Winthrop	40,712 36	14,003 38	11,847 73n	2,068 21	68,631 68
Woburn	—	14,014 95	12,779 17n	1,927 71	28,721 83
	\$4,603,387 51	\$2,205,715 04 ¹	\$1,656,589 87 ²	\$368,199 14 ³	\$8,833,891 56

n North System.

s South System.

¹ Includes \$29,319.39 special assessments for Alewife Brook, Neponset Bridge and Wellington Bridge; \$16,900.37 Division of Metropolitan Planning; \$1,565.95 on account of cost of construction of Way in Weymouth; \$71,544.97 Canterbury Street Highway; \$84,644.98 Ocean Avenue, Revere; \$188,829.75 West Roxbury-Brookline Parkway; \$64,939.45 for land-takings on Canton, Westwood, Dedham, Needham, Wellesley Highway and \$91,885 for land-takings on State Highway, Revere.

² Includes special assessments on Everett and Malden, \$2,583.33; Braintree, \$16,041.73; Canton, Norwood, Stoughton and Walpole, \$50,000; Weymouth, \$18,243.43.

³ Includes special assessments on Boston and Cambridge, \$51,766.42.

Assessments on Counties and Street Railway for 1933.

	Neponset Bridge, Serial Bonds and Interest	Ways in Malden, Braintree, Weymouth and Hingham
Norfolk County	\$2,743 83	\$782 98
Plymouth County	1,371 91	—
Bay State Street Railway Company	2,715 00	—
	\$6,830 74 ¹	\$782 98

¹ Eighteenth assessment under Chapter 300, General Acts of 1915 (total assessments, 18) and tenth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

Special Metropolitan District Assessments for 1933.

CITIES AND TOWNS	Alewife Brook	Neponset Bridge Serial Bonds and Interest	Wellington Bridge Maintenance	Charles River Basin, Bridge Sinking Fund and Interest	Ways in Malden, Braintree, Weymouth and Hingham	Canterbury Street Highway	Canton, Westwood, Dedham, Needham, Wellesley Highway	State Highway, Revere	Ocean Avenue, Revere	Totals
Arlington	\$141 58	—	—	—	—	—	—	—	—	\$141 58
Belmont	100 28	—	—	—	—	—	—	—	—	100 28
Boston	—	\$10,975 29	—	\$25,883 21	—	\$50,081 48	—	—	—	86,939 98
Braintree	—	—	—	—	—	—	—	—	—	16,041 73
Cambridge	277 25	—	—	25,883 21	—	—	—	—	—	26,160 46
Canton	—	—	—	7,859 16 ^s	—	—	\$2,800 45	—	—	10,659 61
Dedham	—	—	—	—	—	—	3,431 00	—	—	3,431 00
Everett	—	—	—	1,291 67 ⁿ ^s	—	—	—	—	—	1,291 67
Malden	—	—	\$2,912 83	1,291 66 ⁿ ^s	—	—	—	—	—	4,204 49
Medford	—	—	3,585 03	—	—	—	—	—	—	3,585 03
Needham	—	—	—	—	—	—	53,834 00	—	—	53,834 00
Norwood	—	—	—	22,112 63 ^s	—	—	—	—	—	22,112 63
Quincy	—	8,231 47	—	—	—	—	—	—	—	8,231 47
Revere	—	—	—	—	—	—	—	\$50,000 00	\$42,322 49 ^a	92,322 49
Somerville	70 78	—	2,464 71	—	—	—	—	—	—	2,535 49
Stonham	—	—	560 17	—	—	—	—	—	—	560 17
Stoughton	—	—	—	—	—	—	—	—	—	7,790 33
Walpole	—	—	—	7,790 33 ^s	—	—	—	—	—	12,237 88
Westwood	—	—	—	12,237 88 ^s	—	—	—	—	—	4,874 00
Weymouth	—	—	—	18,243 43 ^s	\$782 98	—	4,874 00	—	—	19,026 41
	\$589 89 ^a	\$19,206 76 ²	\$9,522 74 ³	\$86,868 49	\$51,766 42 ⁴	\$50,081 48 ¹⁰	\$64,939 45 ¹¹	\$50,000 00 ¹²	\$42,322 49 ¹³	\$376,080 70

¹ Twentieth assessment under Chapter 458, Acts of 1911 (final assessment).² Eighteenth assessment under Chapter 300, General Acts of 1915 (final) and eleventh assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).³ Eighteenth assessment under Chapter 295, Acts of 1916.⁴ Fifth assessment under Chapter 546, Acts of 1910 (final).⁵ Fifth assessment under Chapter 384, Acts of 1928 (total assessments, 10).⁶ Twenty-second assessment under Chapter 512, Acts of 1911 (total assessments, 29).⁷ Third assessment under Chapter 419, Acts of 1930 (total assessments, 10).⁸ See page 30 for details.⁹ See page 22 for details.¹⁰ See page 22 for details.¹¹ See page 23 for details.¹² See page 22 for details.¹³ See page 23 for details.

STATEMENT I.
METROPOLITAN WATER DISTRICT.
Total Water Debt, April 1, 1933.

Under Metropolitan District Commission:

Gross water debt, April 1, 1933:

Bonds outstanding (sinking fund)	\$41,398,000 00
Bonds outstanding (serial)	2,859,000 00
	<u>\$44,257,000 00</u>

a decrease for the year of \$114,000 00.

Sinking fund, April 1, 1933 31,781,079 72

an increase for the year of \$1,338,518.52.

Net debt, April 1, 1933 \$12,475,920 28

a decrease for the year of \$1,452,518.52.

Under Metropolitan District Water Supply Commission:

Gross (and Net) Debt, April 1, 1933 20,272,000 00

Total net water debt \$32,747,920 28

Total Water Assessments for 1933.

Sinking fund requirements (under Metropolitan District Commission) \$130,554 71

Serial Bonds:

Under Metropolitan District Commission . . . \$114,000 00

Under Metropolitan District Water Supply Commission . . . \$784,000 00

Less premium 68,400 00 715,600 00

Total Serial Bond assessment \$829,600 00

Interest:

Under Metropolitan District Commission:

One year on \$41,398,000 \$1,393,435 00

Six months on 2,973,000 59,131 25

Six months on 2,859,000 56,868 75

Interest on advances and temporary loans, estimated, 1933 35,000 00

\$1,544,435 00

Less adjustment of interest charges in 1932 9,454 37

\$1,534,980 63

Under Metropolitan District Water Supply Commission:

Six months on \$20,717,000 \$402,477 50

Six months on 20,272,000 393,790 00

Interest on advances and temporary loans, estimated, 1933 15,000 00

\$811,267 50

Less adjustment of interest charges in 1932 22,652 18

788,615 32

Total Interest assessment 2,323,595 95

Maintenance as appropriated by Legislature \$1,151,880 00

Metropolitan District Headquarters Building 54,000 00 \$1,205,880 00

Less balance on hand 48,256 01

Total maintenance assessment 1,157,623 99

Metropolitan Water Assessment \$4,441,374 65

Credit to Brookline for water furnished 162,012 86

Total Metropolitan Water assessment \$4,603,387 51

METROPOLITAN WATER LOAN.

Sinking Fund.

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Dec. 1, 1932, Sinking Fund at Maturity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1933
\$13,000,000	July, 1935	\$11,822,349 05	\$13,052,828 60	-	-
4,000,000	Jan., 1938	3,250,555 50	3,962,408 98	\$37,591 02	\$6,934 78
4,000,000	July, 1939	3,022,546 60	3,909,986 29	90,013 71	13,557 00
10,000,000	Jan., 1941	6,952,172 89	9,543,843 53	456,156 47	49,435 16
3,500,000	Jan., 1942	2,319,981 31	3,313,504 58	186,495 42	17,593 65
2,000,000	Jan., 1943	1,249,970 29	1,857,390 08	142,609 92	11,856 10
2,000,000	Jan., 1944	1,183,056 05	1,828,980 60	171,019 40	12,654 65
650,000	Jan., 1945	383,194 70	616,344 63	33,655 37	2,234 70
1,350,000	Jan., 1946	718,586 65	1,202,495 91	147,504 09	8,849 13
398,000	Jan., 1949	174,912 64	329,629 97	68,370 03	3,122 69
500,000	Jan., 1950	202,659 28	397,349 19	102,650 81	4,316 85
\$41,398,000	- -	\$31,279,984 96	\$40,014,762 36	\$1,436,066 24	\$130,554 71

* Accumulations reckoned at 4%.

Computations for determining the Assessment for 1933. (See Section 26 of Chapter 92, General Laws.)

[The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuation for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS	Valuation 1932	Average Daily Consumption (Gallons), 1932	RATIO OF TOTALS		Average Ratio, Double Weight to Consumption
			Valuation	Consumption	
Arlington . . .	\$62,913,950	1,926,800	.020933	.014525	.016661
Belmont . . .	49,129,075	1,398,300	.016346	.010541	.012476
Boston . . .	1,890,198,300	85,176,300	.628914	.642082	.637693
Brookline . . .	171,990,700	4,663,200	.057225	.035152	.042510
Chelsea . . .	53,003,900	3,469,200	.017636	.026152	.023314
Everett . . .	75,809,475	4,365,000	.025224	.032904	.030344
Lexington . . .	21,375,224	674,300	.007112	.005083	.005760
Malden . . .	72,072,700	3,585,100	.023981	.027025	.026010
Medford . . .	82,074,750	3,370,300	.027308	.025406	.026040
Melrose . . .	36,820,950	1,577,500	.012251	.011892	.012012
Milton . . .	37,181,150	893,200	.012371	.006733	.008612
Nahant . . .	6,069,595	202,400	.002019	.001526	.001690
Newton ¹ . . .	33,049,400	-	.010996	-	.003665
Quincy . . .	129,204,050	5,227,900	.042989	.039409	.040602
Revere . . .	41,598,650	2,160,000	.013841	.016283	.015469
Somerville . . .	123,285,500	9,093,400	.041020	.068548	.059372
Stoneham . . .	15,182,875	715,800	.005052	.005396	.005281
Swampscott . . .	23,826,611	770,200	.007928	.005806	.006513
Watertown . . .	55,456,475	2,185,100	.018452	.016472	.017132
Winthrop . . .	25,250,900	1,202,500	.008402	.009065	.008844
	\$3,005,494,230	132,656,500	1.000000	1.000000	1.000000

¹ In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

Comparison of Total Assessments, 1932 and 1933, with Revenue from Water Rates in 1932.

CITIES AND TOWNS	WATER ASSESSMENTS		Water Revenue received by Cities and Towns, 1932
	1932	1933	
Arlington	\$75,345 39	\$76,697 03	\$164,727 51 ¹
Belmont	52,641 07	57,431 85	112,243 76 ¹
Boston	2,945,390 05	2,935,547 99	4,579,552 12 ¹
Brookline	192,922 27	195,690 02	291,846 97 ¹
Chelsea	106,045 42	107,323 38	174,506 23
Everett	145,596 32	139,685 19	188,580 36 ²
Lexington	24,708 98	26,515 51	79,174 28 ³
Malden	121,112 64	119,734 11	191,039 71 ¹
Medford	113,889 38	119,872 20	213,582 07 ²
Melrose	54,622 76	55,295 91	91,284 21 ⁴
Milton	37,932 48	39,644 38	143,368 27 ⁴
Nahant	7,499 13	7,779 72	12,190 99 ¹
Newton	16,442 01	16,871 41	- 5
Quincy	181,749 44	186,906 74	398,828 85 ¹
Revere	71,092 37	71,209 80	110,754 63 ²
Somerville	283,776 31	273,312 32	441,621 65 ¹
Stonham	22,805 47	24,310 48	52,127 40 ⁴
Swampscott	29,348 23	29,981 86	71,509 03 ³
Watertown	74,563 74	78,865 25	181,347 31 ²
Winthrop	40,392 34	40,712 36	92,288 44 ³
	\$4,597,875 80	\$4,603,387 51	\$7,590,573 79

¹ No money received for hydrant rentals, street watering or from municipal departments.

² No money received for hydrant rentals or street watering.

³ No money received for street watering.

⁴ No money received for street watering or from municipal departments.

⁵ Not taking regular supply from district.

Net Water Debt of the Cities of the Original Metropolitan Water District.

CITIES	Jan. 1, 1932	Jan. 1, 1933	Decrease
Boston	\$488,000 00	\$438,000 00	\$50,000 00
Chelsea	104,000 00	86,000 00	18,000 00
Everett	119,000 00	107,000 00	12,000 00
Malden	20,000 00	12,000 00	8,000 00
Medford	433,000 00	423,000 00	10,000 00
Melrose	94,000 00	59,000 00	35,000 00
Somerville	-	-	-
	\$1,258,000 00	\$1,125,000 00	\$133,000 00

STATEMENT II.

METROPOLITAN PARKS DISTRICT.

Gross parks debt, April 1, 1933:			
Bonds outstanding (sinking fund)	\$9,360,000	00	
Bonds outstanding (serial)	41,500	00	
			<u>\$9,401,500 00</u>
a decrease for the year of \$252,500.00.			
Sinking fund, April 1, 1933			<u>7,446,350 99</u>
an increase for the year of \$316,629.88.			
Net parks debt, April 1, 1933			<u>\$1,955,149 01</u>
a decrease for the year of \$569,129.88.			

BOULEVARDS.

Gross parks, series two (boulevards) debt, April 1, 1933:			
Bonds outstanding (sinking fund) (one-half) . .	\$2,567,500	00	
Bonds outstanding (serial) (one-half)	861,000	00	
Bonds outstanding (serial), 78.75 per cent (chapter 300, General Acts of 1915 and chapter 220, General Acts of 1917)	47,250	00	
Bonds outstanding (serial), 75 per cent (chapter 238, General Acts of 1919 and chapter 380, Acts of 1922)	165,000	00	
			<u>\$3,640,750 00</u>
a decrease for the year of \$100,937.50.			
Sinking fund, April 1, 1933 (one-half)			<u>1,930,244 29</u>
an increase for the year of \$80,765.90.			
Net parks, series two (boulevards) debt, April 1, 1933			<u>\$1,710,505 71</u>
a decrease for the year of \$181,703.40.			

METROPOLITAN PARKS LOAN.

Total parks assessment for 1933 is made up as follows:			
Parks sinking fund			\$58,740 59
Parks, series two, sinking fund			15,037 00
Nantasket sinking fund			4,147 07
Parks serial bonds			2,500 00
Parks, series two, serial bonds			75,062 50
Parks interest:			
One year on \$8,660,000 00	\$296,850	00	
Six months on 44,000 00	832	50	
Six months on 41,500 00	785	00	
Interest on advances and temporary loans, estimated, 1933	15,000	00	
			<u>\$313,467 50</u>
Less adjustment of interest charges in 1932			7,558 22
			<u>305,909 28</u>
Parks, series two, interest:			
One year on \$2,567,500 00	\$87,737	50	
Six months on 1,003,812 50	20,157	50	
Six months on 928,750 00	18,650	00	
Interest on advances and temporary loans, estimated, 1933	5,000	00	
			<u>\$131,545 00</u>
Less adjustment of interest charges in 1932			11,174 38
			<u>120,370 62</u>

Nantasket interest:

One year on	\$700,000 00	\$21,000 00
Parks maintenance as appropriated by Legislature	\$959,610 00	
Metropolitan District Headquarters Building	54,000 00	
	<hr/>	
Less balance on hand	\$1,013,610 00	
	47,984 64	
	<hr/>	965,625 36
Nantasket maintenance	\$84,300 00	
Less balance on hand	1,418 61	
	<hr/>	82,881 39
Wellington Bridge maintenance (one-quarter)	\$4,954 00	
Less balance on hand	192 63	
	<hr/>	4,761 37
Metropolitan Planning Division		16,900 37
	<hr/>	
Total parks assessment for 1933		\$1,672,985 55 ¹

¹ Exclusive of special assessments listed at bottom of page 12.

METROPOLITAN PARKS, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND
NANTASKET AND METROPOLITAN PLANNING DIVISION.
Total Assessment and Grand Total.

CITIES AND TOWNS	Total Sinking Fund	Total Serial Bonds	Total Interest	Total Maintenance	Metro- politan Planning Division	Grand Total
Arlington	\$1,262 46	\$1,255 97	\$7,241 86	\$18,395 03	\$297 18	\$28,452 50
Belmont	938 68	933 85	5,384 56	12,385 07	198 34	19,840 50
Boston	38,786 84	38,587 50	222,493 77	481,954 82	7,674 04	789,496 97
Braintree	523 29	520 60	3,001 74	7,815 36	126 52	11,987 51
Brookline	3,494 93	3,476 97	20,048 05	37,615 03	589 75	65,224 73
Cambridge	4,089 71	4,068 69	23,459 91	58,755 11	948 08	91,321 50
Canton	191 48	190 49	1,098 39	2,876 01	46 58	4,402 95
Chelsea	1,095 07	1,089 45	6,281 68	19,637 45	322 20	28,425 85
Cohasset	11 47	—	58 07	229 17	—	298 71
Dedham	512 45	509 82	2,939 57	7,589 77	122 78	11,674 39
Dover	78 97	78 57	453 02	880 34	13 86	1,504 76
Everett	1,483 56	1,475 93	8,510 18	23,140 80	375 90	34,986 37
Hingham	313 96	312 35	1,800 97	3,985 67	63 60	6,476 55
Hull	362 21	360 36	2,077 79	3,168 76	48 35	6,017 47
Lynn	2,903 19	2,888 27	16,653 64	47,203 61	769 19	70,417 90
Malden	1,458 54	1,451 04	8,366 62	25,397 43	415 88	37,089 51
Medford	1,634 42	1,626 02	9,375 56	27,109 71	442 40	40,188 11
Melrose	747 90	744 05	4,290 20	11,350 32	183 98	17,316 45
Milton	745 79	741 97	4,278 14	9,625 86	153 83	15,545 09
Nahant	118 74	118 13	681 13	1,288 04	20 21	2,226 25
Needham	479 71	477 24	2,751 75	6,261 12	100 17	10,069 99
Newton	3,256 00	3,269 10	18,849 51	40,601 17	646 12	66,651 90
Quincy	2,616 68	2,603 23	15,010 10	37,408 60	603 38	58,241 99
Revere	808 56	804 40	4,638 13	14,969 91	246 14	21,467 14
Saugus	289 01	287 53	1,657 84	5,844 46	96 62	8,175 46
Somerville	2,482 74	2,469 98	14,241 78	44,530 57	730 65	64,455 72
Stoneham	306 63	305 05	1,758 92	4,796 29	77 93	7,244 82
Swampscott	531 79	529 05	3,050 50	6,515 52	103 60	10,730 46
Wakefield	458 89	456 54	2,632 33	7,497 86	122 22	11,167 84
Waltham	1,184 73	1,178 64	6,796 00	18,626 63	302 75	28,088 75
Watertown	1,115 57	1,109 84	6,399 29	17,020 39	276 00	25,921 09
Wellesley	752 73	748 87	4,317 94	8,408 74	132 40	14,360 68
Weston	187 82	186 85	1,077 37	2,220 10	35 17	3,707 31
Westwood	102 05	101 53	585 41	1,277 97	20 36	2,087 32
Weymouth	975 79	970 77	5,597 42	12,436 27	198 51	20,178 76
Winchester	657 77	654 39	3,773 22	8,039 59	127 80	13,252 77
Winthrop	509 57	506 95	2,923 04	8,003 76	130 08	12,073 40
Woburn	474 96	472 51	2,724 50	8,406 31	137 80	12,216 08
	\$77,974 66	\$77,562 50	\$447,279 90	\$1,053,268 12	\$16,900 37 ¹	\$1,672,985 55

Special assessment for Alewife Brook	\$589 89
Special assessment for Neponset Bridge	19,206 76
Special assessment for Wellington Bridge	9,522 74
Special assessment on account of construction of Way in Weymouth	1,565 95
Special assessment on account of construction of West Roxbury-Brookline Parkway	188,829 75
Special assessment on account of construction of Canterbury Street Highway	71,544 97
Special assessment on account of land-taking on Canton, Westwood, Dedham, Needham, Wellesley Highway	64,939 45
Special assessment on account of land-taking on State Highway, Revere	91,885 00
Special assessment on account of construction of Ocean Avenue, Revere	84,644 98
	\$2,205,715 04

¹ Chapter 399, Acts of 1923.

METROPOLITAN PARKS (EXCEPTING NANTASKET) AND BOULEVARDS AND CHARLES
RIVER BASIN.

*Proportion of Sinking Fund, Serial Bonds, Interest and Maintenance (excepting
Parks Maintenance) Requirements as determined by Metropolitan District
Commission.*

CITIES AND TOWNS										Valuation (Chapter 164, Acts of 1932)	Per Cent.
Arlington	.	.	.	.	.	.	.	.	.	\$65,365,525	.016193
Belmont	.	.	.	.	.	.	.	.	.	48,603,961	.012040
Boston	.	.	.	.	.	.	.	.	.	2,008,268,169	.497502
Braintree	.	.	.	.	.	.	.	.	.	27,091,342	.006712
Brookline	.	.	.	.	.	.	.	.	.	180,958,041	.044828
Cambridge	.	.	.	.	.	.	.	.	.	211,754,591	.052457
Canton	.	.	.	.	.	.	.	.	.	9,917,017	.002456
Chelsea	.	.	.	.	.	.	.	.	.	56,699,914	.014046
Dedham	.	.	.	.	.	.	.	.	.	26,531,389	.006573
Dover	.	.	.	.	.	.	.	.	.	4,090,021	.001013
Everett	.	.	.	.	.	.	.	.	.	76,814,578	.019029
Hingham	.	.	.	.	.	.	.	.	.	16,254,429	.004027
Hull	.	.	.	.	.	.	.	.	.	18,755,050	.004646
Lynn	.	.	.	.	.	.	.	.	.	150,318,443	.037238
Malden	.	.	.	.	.	.	.	.	.	75,517,338	.018708
Medford	.	.	.	.	.	.	.	.	.	84,623,895	.020964
Melrose	.	.	.	.	.	.	.	.	.	38,722,275	.009593
Milton	.	.	.	.	.	.	.	.	.	38,616,616	.009566
Nahant	.	.	.	.	.	.	.	.	.	6,148,629	.001523
Needham	.	.	.	.	.	.	.	.	.	24,836,013	.006153
Newton	.	.	.	.	.	.	.	.	.	170,141,006	.042148
Quincy	.	.	.	.	.	.	.	.	.	135,483,484	.033563
Revere	.	.	.	.	.	.	.	.	.	41,864,532	.010371
Saugus	.	.	.	.	.	.	.	.	.	14,962,117	.003707
Somerville	.	.	.	.	.	.	.	.	.	128,547,180	.031845
Stoneham	.	.	.	.	.	.	.	.	.	15,875,430	.003933
Swampscott	.	.	.	.	.	.	.	.	.	27,534,432	.006821
Wakefield	.	.	.	.	.	.	.	.	.	23,758,890	.005886
Waltham	.	.	.	.	.	.	.	.	.	61,343,615	.015196
Watertown	.	.	.	.	.	.	.	.	.	57,759,904	.014309
Wellesley	.	.	.	.	.	.	.	.	.	38,975,064	.009655
Weston	.	.	.	.	.	.	.	.	.	9,725,667	.002409
Westwood	.	.	.	.	.	.	.	.	.	5,282,994	.001309
Weymouth	.	.	.	.	.	.	.	.	.	50,523,479	.012516
Winchester	.	.	.	.	.	.	.	.	.	34,058,317	.008437
Winthrop	.	.	.	.	.	.	.	.	.	26,384,310	.006536
Woburn	.	.	.	.	.	.	.	.	.	24,593,260	.006092
										\$4,036,700,917	1.000000

METROPOLITAN PARKS (EXCEPTING NANTASKET).

Proportion of Maintenance Requirements as determined by Metropolitan District Commission.

CITIES AND TOWNS	Valuation (Chapter 164, Acts of 1932)	Per Cent.	Popu- lation U. S. Census, 1930	Per Cent.	Average Per Cent.
Arlington . . .	\$65,365,525	.016193	36,094	.018974	.017584
Belmont . . .	48,603,961	.012040	21,748	.011432	.011736
Boston . . .	2,008,268,169	.497502	781,188	.410649	.454075
Braintree . . .	27,091,342	.006712	15,712	.008259	.007486
Brookline . . .	180,958,041	.044828	47,490	.024964	.034896
Cambridge . . .	211,754,591	.052457	113,643	.059739	.056098
Canton . . .	9,917,017	.002456	5,816	.003057	.002756
Chelsea . . .	56,699,914	.014046	45,816	.024084	.019065
Dedham . . .	26,531,389	.006573	15,136	.007957	.007265
Dover . . .	4,090,021	.001013	1,195	.000628	.000820
Everett . . .	76,814,578	.019029	48,424	.025455	.022242
Hingham . . .	16,254,429	.004027	6,657	.003499	.003763
Hull . . .	18,755,050	.004646	2,047	.001076	.002861
Lynn . . .	150,318,443	.037238	102,320	.053787	.045513
Malden . . .	75,517,338	.018708	58,036	.030508	.024608
Medford . . .	84,623,895	.020964	59,714	.031390	.026177
Melrose . . .	38,722,275	.009593	23,170	.012180	.010886
Milton . . .	38,616,616	.009566	16,434	.008639	.009102
Nahant . . .	6,148,629	.001523	1,654	.000869	.001196
Needham . . .	24,836,013	.006153	10,845	.005701	.005927
Newton . . .	170,141,006	.042148	65,276	.034314	.038231
Quincy . . .	135,483,484	.033563	71,983	.037840	.035702
Revere . . .	41,864,532	.010371	35,680	.018756	.014564
Saugus . . .	14,962,117	.003707	14,700	.007727	.005717
Somerville . . .	128,547,180	.031845	103,908	.054622	.043233
Stoneham . . .	15,875,430	.003933	10,060	.005288	.004611
Swampscott . . .	27,534,432	.006821	10,346	.005439	.006130
Wakefield . . .	23,758,890	.005886	16,318	.008578	.007232
Waltham . . .	61,343,615	.015196	39,247	.020631	.017914
Watertown . . .	57,759,904	.014309	34,913	.018353	.016331
Wellesley . . .	38,975,064	.009655	11,439	.006013	.007834
Weston . . .	9,725,667	.002409	3,332	.001752	.002081
Westwood . . .	5,282,994	.001309	2,097	.001102	.001205
Weymouth . . .	50,523,479	.012516	20,882	.010977	.011746
Winchester . . .	34,058,317	.008437	12,719	.006686	.007562
Winthrop . . .	26,384,310	.006536	16,852	.008859	.007697
Woburn . . .	24,593,260	.006092	19,434	.010216	.008154
	\$4,036,700,917	1.000000	1,902,325	1.000000	1.000000

METROPOLITAN PARKS — NANTASKET.

Proportion of Sinking Fund, Interest and Maintenance Requirements as determined by Metropolitan District Commission.

CITIES AND TOWNS	Valuation (Chapter 164, Acts of 1932)		Per Cent.
Arlington	\$65,365,525		.016148
Belmont	48,603,961		.012007
Boston	2,008,268,169		.496127
Braintree	27,091,342		.006693
Brookline	180,958,041		.044704
Cambridge	211,754,591		.052312
Canton	9,917,017		.002450
Chelsea	56,699,914		.014007
Cohasset	11,193,145		.002765
Dedham	26,531,389		.006554
Dover	4,090,021		.001010
Everett	76,814,578		.018976
Hingham	16,254,429		.004016
Hull	18,755,050		.004633
Lynn	150,318,443		.037135
Malden	75,517,338		.018656
Medford	84,623,895		.020906
Melrose	38,722,275		.009566
Milton	38,616,616		.009540
Nahant	6,148,629		.001519
Needham	24,836,013		.006136
Newton	170,141,006		.042032
Quincy	135,483,484		.033470
Revere	41,864,532		.010342
Saugus	14,962,117		.003696
Somerville	128,547,180		.031757
Stoneham	15,875,430		.003922
Swampscott	27,534,432		.006802
Wakefield	23,758,890		.005869
Waltham	61,343,615		.015155
Watertown	57,759,904		.014269
Wellesley	38,975,064		.009629
Weston	9,725,667		.002403
Westwood	5,282,994		.001305
Weymouth	50,523,479		.012481
Winchester	34,058,317		.008414
Winthrop	26,384,310		.006518
Woburn	24,593,260		.006076
	<hr/>		
	\$4,047,894,062		1.000000

METROPOLITAN PARKS LOAN.

Sinking Fund.

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Dec. 1, 1932 Sinking Fund at Ma- turity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1933
\$1,300,000	Jan., 1934	\$1,242,713 46	\$1,289,752 10	\$10,247 90	\$10,247 90
2,000,000	Jan., 1936	1,750,937 78	1,957,385 83	42,614 17	13,680 37
1,400,000	Jan., 1937	1,173,282 66	1,361,267 97	38,732 03	9,150 25
1,000,000	July, 1938	789,491 64	968,481 59	31,518 41	5,844 19
505,000	July, 1939	381,471 74	485,670 19	19,329 81	2,929 98
650,000	Jan., 1941	475,571 91	640,174 16	9,825 84	1,074 57
125,000	Jan., 1943	77,873 35	112,912 31	12,087 69	1,016 87
340,000	July, 1943	211,046 64	311,744 28	28,255 72	2,376 99
300,000	Jan., 1944	175,817 37	264,575 40	35,424 60	2,656 09
370,000	Jan., 1945	203,372 33	317,625 07	52,374 93	3,528 84
300,000	Jan., 1946	158,378 80	256,717 34	43,282 66	2,638 58
300,000	Jan., 1947	147,119 46	247,493 34	52,506 66	2,913 05
70,000	Jan., 1949	30,545 74	55,349 61	14,650 39	682 91
\$8,660,000	—	\$6,817,622 88	\$8,269,149 19	\$390,850 81	\$58,740 59

NANTASKET.

\$600,000	July, 1939	\$453,820 57	\$577,781 00	\$22,219 00	\$3,367 92
100,000	Jan., 1941	68,995 20	92,875 43	7,124 57	779 15
\$700,000	—	\$522,815 77	\$670,656 43	\$29,343 57	\$4,147 07

* Accumulations reckoned at 3¾%.

METROPOLITAN PARKS LOAN, SERIES TWO.

Sinking Fund.

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Dec. 1, 1932 Sinking Fund at Ma- turity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1933
\$250,000	Jan., 1934	\$239,841 10	\$248,919 46	\$1,080 54	\$1,080 00
300,000	Jan., 1936	265,072 80	296,326 77	3,673 23	1,179 00
500,000	Jan., 1937	423,889 00	491,805 20	8,194 80	1,936 00
50,000	July, 1938	40,007 79	49,078 17	921 83	171 00
250,000	July, 1939	192,000 62	244,445 31	5,554 69	842 00
225,000	Jan., 1940	162,609 09	210,907 25	14,092 75	1,796 00
162,500	July, 1940	118,491 33	156,567 24	5,932 76	756 00
55,000	Jan., 1943	34,768 40	50,412 37	4,587 63	386 00
150,000	July, 1943	91,788 98	135,584 67	14,415 33	1,213 00
150,000	Jan., 1944	89,021 14	133,961 75	16,038 25	1,203 00
150,000	Jan., 1945	83,259 36	130,033 72	19,966 28	1,345 00
150,000	Jan., 1946	77,133 01	125,025 45	24,974 55	1,522 00
150,000	Jan., 1947	74,142 25	124,726 62	25,273 38	1,402 00
25,000	Jan., 1949	10,764 81	19,506 09	5,493 91	256 00
\$2,567,500	—	\$1,902,789 68	\$2,417,300 07	\$150,199 93	\$15,087 00

* Accumulations reckoned at 3¾%.

METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

Sinking Fund Requirements.

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington	\$951 19	\$244 30	\$66 97	\$1,262 46
Belmont	707 24	181 65	49 79	938 68
Boston	29,223 56	7,505 81	2,057 47	38,786 84
Braintree	394 27	101 26	27 76	523 29
Brookline	2,633 22	676 32	185 39	3,494 93
Cambridge	3,081 35	791 42	216 94	4,089 71
Canton	144 27	37 05	10 16	191 48
Chelsea	825 07	211 91	58 09	1,095 07
Cohasset	—	—	11 47	11 47
Dedham	386 10	99 17	27 18	512 45
Dover	59 50	15 28	4 19	78 97
Everett	1,117 77	287 09	78 70	1,483 56
Hingham	236 55	60 76	16 65	313 96
Hull	272 91	70 09	19 21	362 21
Lynn	2,187 38	561 81	154 00	2,903 19
Malden	1,098 92	282 25	77 37	1,458 54
Medford	1,231 44	316 28	86 70	1,634 42
Melrose	563 50	144 73	39 67	747 90
Milton	561 91	144 32	39 56	745 79
Nahant	89 46	22 98	6 30	118 74
Needham	361 43	92 83	25 45	479 71
Newton	2,475 80	635 89	174 31	3,286 00
Quincy	1,971 51	506 37	138 80	2,616 68
Revere	609 20	156 47	42 89	808 56
Saugus	217 75	55 93	15 33	289 01
Somerville	1,870 59	480 45	131 70	2,482 74
Stoneham	231 03	59 34	16 26	306 63
Swampscott	400 67	102 91	28 21	531 79
Wakefield	345 75	88 80	24 34	458 89
Waltham	892 62	229 26	62 85	1,184 73
Watertown	840 52	215 88	59 17	1,115 57
Wellesley	567 14	145 66	39 93	752 73
Weston	141 51	36 34	9 97	187 82
Westwood	76 89	19 75	5 41	102 05
Weymouth	735 20	188 83	51 76	975 79
Winchester	495 59	127 29	34 89	657 77
Winthrop	383 93	98 61	27 03	509 57
Woburn	357 85	91 91	25 20	474 96
	\$58,740 59	\$15,087 00	\$4,147 07	\$77,974 66

METROPOLITAN PARKS LOAN.

Serial Bond Requirements.

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$40 48	\$1,215 49	\$1,255 97
Belmont	30 10	903 75	933 85
Boston	1,243 76	37,343 74	38,587 50
Braintree	16 78	503 82	520 60
Brookline	112 07	3,364 90	3,476 97
Cambridge	131 14	3,937 55	4,068 69
Canton	6 14	184 35	190 49
Chelsea	35 12	1,054 33	1,089 45
Dedham	16 43	493 39	509 82
Dover	2 53	76 04	78 57
Everett	47 57	1,428 36	1,475 93
Hingham	10 07	302 28	312 35
Hull	11 62	348 74	360 36
Lynn	93 09	2,795 18	2,888 27
Malden	46 77	1,404 27	1,451 04
Medford	52 41	1,573 61	1,626 02
Melrose	23 98	720 07	744 05
Milton	23 92	718 05	741 97
Nahant	3 81	114 32	118 13
Needham	15 38	461 86	477 24
Newton	105 37	3,163 73	3,269 10
Quincy	83 91	2,519 32	2,603 23
Revere	25 93	778 47	804 40
Saugus	9 27	278 26	287 53
Somerville	79 61	2,390 37	2,469 98
Stoneham	9 83	295 22	305 05
Swampscott	17 05	512 00	529 05
Wakefield	14 72	441 82	456 54
Waltham	37 99	1,140 65	1,178 64
Watertown	35 77	1,074 07	1,109 84
Wellesley	24 14	724 73	748 87
Weston	6 02	180 83	186 85
Westwood	3 27	98 26	101 53
Weymouth	31 29	939 48	970 77
Winchester	21 09	633 30	654 39
Winthrop	16 34	490 61	506 95
Woburn	15 23	457 28	472 51
	\$2,500 00	\$75,062 50	\$77,562 50

METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

Interest Requirements.

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . .	\$4,953 59	\$1,949 16	\$339 11	\$7,241 86
Belmont . . .	3,683 15	1,449 26	252 15	5,384 56
Boston . . .	152,190 48	59,884 62	10,418 67	222,493 77
Braintree . . .	2,053 26	807 93	140 55	3,001 74
Brookline . . .	13,713 30	5,395 97	938 78	20,048 05
Cambridge . . .	16,047 08	6,314 28	1,098 55	23,459 91
Canton . . .	751 31	295 63	51 45	1,098 39
Chelsea . . .	4,296 80	1,690 73	294 15	6,281 68
Cohasset . . .	—	—	58 07	58 07
Dedham . . .	2,010 74	791 20	137 63	2,939 57
Dover . . .	309 87	121 94	21 21	453 02
Everett . . .	5,821 15	2,290 53	398 50	8,510 18
Hingham . . .	1,231 90	484 73	84 34	1,800 97
Hull . . .	1,421 26	559 24	97 29	2,077 79
Lynn . . .	11,391 45	4,482 36	779 83	16,653 64
Malden . . .	5,722 95	2,251 89	391 78	8,366 62
Medford . . .	6,413 08	2,523 45	439 03	9,375 56
Melrose . . .	2,934 59	1,154 72	200 89	4,290 20
Milton . . .	2,926 33	1,151 47	200 34	4,278 14
Nahant . . .	465 90	183 33	31 90	681 13
Needham . . .	1,882 26	740 64	128 85	2,751 75
Newton . . .	12,893 46	5,073 38	882 67	18,849 51
Quincy . . .	10,267 23	4,040 00	702 87	15,010 10
Revere . . .	3,172 59	1,248 36	217 18	4,638 13
Saugus . . .	1,134 01	446 21	77 62	1,657 84
Somerville . . .	9,741 68	3,833 20	666 90	14,241 78
Stoneham . . .	1,203 14	473 42	82 36	1,758 92
Swampscott . . .	2,086 61	821 05	142 84	3,050 50
Wakefield . . .	1,800 58	708 50	123 25	2,632 33
Waltham . . .	4,648 60	1,829 15	318 25	6,796 00
Watertown . . .	4,377 26	1,722 38	299 65	6,399 29
Wellesley . . .	2,953 55	1,162 18	202 21	4,317 94
Weston . . .	736 94	289 97	50 46	1,077 37
Westwood . . .	400 44	157 57	27 40	585 41
Weymouth . . .	3,828 76	1,506 56	262 10	5,597 42
Winchester . . .	2,580 96	1,015 57	176 69	3,773 22
Winthrop . . .	1,999 42	786 74	136 88	2,923 04
Woburn . . .	1,863 60	733 30	127 60	2,724 50
	\$305,909 28	\$120,370 62	\$21,000 00	\$447,279 90

METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND NANTASKET.

Maintenance Requirements.

CITIES AND TOWNS	Parks	Nantasket	Wellington Bridge	Total
Arlington	\$16,979 56	\$1,338 37	\$77 10	\$18,395 03
Belmont	11,332 58	995 16	57 33	12,385 07
Boston	438,466 33	41,119 70	2,368 79	481,954 82
Braintree	7,228 67	554 73	31 96	7,815 36
Brookline	33,696 46	3,705 13	213 44	37,615 03
Cambridge	54,169 65	4,335 69	249 77	58,755 11
Canton	2,661 26	203 06	11 69	2,876 01
Chelsea	18,409 65	1,160 92	66 88	19,637 45
Cohasset	-	229 17	-	229 17
Dedham	7,015 27	543 20	31 30	7,589 77
Dover	791 81	83 71	4 82	880 34
Everett	21,477 44	1,572 76	90 60	23,140 80
Hingham	3,633 65	332 85	19 17	3,985 67
Hull	2,762 65	383 99	22 12	3,168 76
Lynn	43,948 51	3,077 80	177 30	47,203 61
Malden	23,762 11	1,546 24	89 08	25,397 43
Medford	25,277 17	1,732 72	99 82	27,109 71
Melrose	10,511 80	792 84	45 68	11,350 32
Milton	8,789 12	790 69	45 55	9,625 36
Nahant	1,154 89	125 90	7 25	1,288 04
Needham	5,723 26	508 56	29 30	6,261 12
Newton	36,916 82	3,483 67	200 68	40,601 17
Quincy	34,474 76	2,774 04	159 80	37,408 60
Revere	14,063 37	857 16	49 38	14,969 91
Saugus	5,520 48	306 33	17 65	5,844 46
Somerville	41,746 88	2,632 06	151 63	44,530 57
Stoneham	4,452 50	325 06	18 73	4,796 29
Swampscott	5,919 28	563 76	32 48	6,515 52
Wakefield	6,983 40	486 43	28 03	7,497 86
Waltham	17,298 21	1,256 07	72 35	18,626 63
Watertown	15,769 63	1,182 63	68 13	17,020 39
Wellesley	7,564 71	798 06	45 97	8,408 74
Weston	2,009 47	199 16	11 47	2,220 10
Westwood	1,163 58	108 16	6 23	1,277 97
Weymouth	11,342 24	1,034 44	59 59	12,436 27
Winchester	7,302 06	697 36	40 17	8,039 59
Winthrop	7,432 42	540 22	31 12	8,003 76
Woburn	7,873 71	503 59	29 01	8,406 31
	\$965,625 36	\$82,881 39	\$4,761 37	\$1,053,268 12

NEPONSET BRIDGE.

Special Assessment.

(Chapter 300, General Acts of 1915.)

Bonds issued 57½ per cent.	\$201,250 00	
Previously assessed	195,500 00	
Outstanding	\$5,750 00	
Serial bonds due Jan. 1, 1934		\$5,750 00
Interest:		
One year on \$5,750 00	230 00	
Six months on \$17,250 00	345 00	575 00
		<u>\$6,325 00</u>

Assessment.

	Per Cent.	Serial Bonds	Interest	Total
City of Boston	20	\$2,000 00	\$200 00	\$2,200 00
City of Quincy	15	1,500 00	150 00	1,650 00
County of Norfolk	5	500 00	50 00	550 00
County of Plymouth	2½	250 00	25 00	275 00
Bay State Street Railway Company	15	1,500 00	150 00	1,650 00
	57½	\$5,750 00	\$575 00	\$6,325 00

NEPONSET BRIDGE.

Special Assessment.

(Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917.)

Bonds issued, 57½ per cent.	.	.	.	.	\$57,500 00	
Previously assessed	.	.	.	.	28,750 00	
Outstanding	.	.	.	.	\$28,750 00	
Serial bonds due Jan. 1, 1934	.	.	.	.		\$2,875 00
Interest:						
One year on	\$28,750 00	\$1,150 00				
Six months on	\$2,875 00	57 50				1,207 50
						<u>\$4,082 50</u>

Assessment.

	Per Cent.	Serial Bonds	Interest	Total
City of Boston	20	\$1,000 00	\$420 00	\$1,420 00
City of Quincy	15	750 00	315 00	1,065 00
County of Norfolk	5	250 00	105 00	355 00
County of Plymouth	2½	125 00	52 50	177 50
Bay State Street Railway Company	15	750 00	315 00	1,065 00
	57½	\$2,875 00	\$1,207 50	\$4,082 50

NEPONSET BRIDGE.

Special Assessment.

(Chapter 238, General Acts of 1919, and Chapter 380, Acts of 1922.)

Bonds issued, 50 per cent.	.	.	.	.	\$225,000 00	
Previously assessed	.	.	.	.	115,000 00	
Outstanding	.	.	.	.	\$110,000 00	
Serial bonds due Jan. 1, 1934	.	.	.	.		\$11,000 00
Interest:						
One year on	\$110,000 00	\$4,400 00				
Six months on	11,500 00	230 00				4,630 00
						<u>\$15,630 00</u>

Assessment.

	Per Cent.	Serial Bonds	Interest	Total
City of Boston	23 ⁹ / ₁₇	\$5,176 47	\$2,178 82	\$7,355 29
City of Quincy	17 ¹¹ / ₁₇	3,882 35	1,634 12	5,516 47
County of Norfolk	5 ¹⁵ / ₁₇	1,294 12	544 71	1,838 83
County of Plymouth	2 ¹⁶ / ₁₇	647 06	272 35	919 41
	50	\$11,000 00	\$4,630 00	\$15,630 00

WELLINGTON BRIDGE.

Special Assessment. Maintenance.

(Chapter 295, General Acts of 1916.)

	Per Cent.	Assessment
Malden	15.2941	\$2,912 83
Medford	18.8235	3,585 03
Somerville	12.9412	2,464 71
Stoneham	2.9412	560 17
	50.0000	\$9,522 74

SPECIAL ASSESSMENTS.

CITIES AND TOWNS	Canterbury Street Highway	Land Taking State Highway Revere	West Roxbury Brookline Parkway	Ways in Malden, Braintree Weymouth and Hingham	Ocean Avenue, Revere
Arlington	\$347 56	\$678 24	\$3,057 72	\$12 68	\$685 33
Belmont	258 42	504 30	2,273 51	9 43	509 56
Boston	10,678 13	20,837 87	93,943 18	389 53	21,055 52
Braintree	144 06	281 13	1,267 43	5 25	284 07
Brookline	962 16	1,877 62	8,464 86	35 10	1,897 23
Cambridge	1,125 91	2,197 16	9,905 44	41 07	2,220 11
Canton	52 71	102 87	463 77	1 92	103 95
Chelsea	301 48	588 32	2,652 30	11 00	594 46
Dedham	141 08	275 31	1,241 18	5 15	278 19
Dover	21 74	42 43	191 28	79	42 87
Everett	408 43	797 03	3,593 24	14 90	805 36
Hingham	86 43	168 67	760 42	3 15	170 43
Hull	99 72	194 60	877 30	3 64	196 63
Lynn	799 26	1,559 71	7,031 64	29 16	1,576 00
Malden	401 54	783 59	3,532 63	14 65	791 77
Medford	449 96	878 08	3,958 63	16 41	887 25
Melrose	205 90	401 80	1,811 44	7 51	406 00
Milton	205 32	400 67	1,806 35	7 50	404 86
Nahant	32 69	63 79	287 59	1 19	64 46
Needham	132 06	257 72	1,161 87	4 82	260 41
Newton	904 64	1,765 37	7,958 80	33 00	1,783 81
Quincy	720 38	1,405 79	6,337 69	26 28	1,420 47
Revere	222 60	434 39	1,958 35	8 12	438 93
Saugus	79 56	155 27	699 99	2 90	156 89
Somerville	683 50	1,333 83	6,013 28	24 93	1,347 76
Stoneham	84 42	164 73	742 67	3 08	166 46
Swampscott	146 40	285 70	1,288 01	5 34	288 68
Wakefield	126 33	246 54	1,111 45	4 61	249 11
Waltham	326 16	636 48	2,869 46	11 90	643 13
Watertown	307 12	599 33	2,701 96	11 20	605 59
Wellesley	207 23	404 40	1,823 15	7 56	408 62
Weston	51 71	100 90	454 89	1 89	101 95
Westwood	28 10	54 83	247 18	1 02	55 40
Weymouth	268 64	524 23	2,363 39	9 80	529 71
Winchester	181 09	353 38	1,593 16	6 60	357 07
Winthrop	140 29	273 76	1,234 19	5 12	276 62
Woburn	130 76	255 16	1,150 35	4 77	257 83
	\$21,463 49 ¹	\$41,885 00 ²	\$188,829 75 ³	\$782 97 ⁴	\$42,322 49 ⁵

¹ Section 2, Chapter 420, Acts of 1930, Metropolitan Parks District, 15%.² Section 6, Chapter 445, Acts of 1931, Metropolitan Parks District, all in excess of \$50,000.³ Section 4, Chapter 420, Acts of 1930, Metropolitan Parks District, 50%.⁴ Chapter 364, Acts of 1929, Metropolitan Parks District, 25%.⁵ Section 3, Chapter 445, Acts of 1931, Metropolitan Parks District, 33 1/3%.*Special Assessment on Account of Construction of Canterbury Street Highway.*

(Section 2, Chapter 420, Acts of 1930.)

City of Boston	\$50,081 48
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Special Assessment on Account of Land-Taking on State Highway, Revere.

(Section 6, Chapter 445, Acts of 1931.)

City of Revere	\$50,000 00
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Special Assessment on Account of Construction of Ways in Malden, Braintree, Weymouth and Hingham.

(Chapter 364, Acts of 1929.)

Town of Weymouth	\$782 98
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Special Assessment on Account of Construction of Ocean Avenue, Revere.

(Section 3, Chapter 445, Acts of 1931.)

City of Revere	\$42,322 49
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**SPECIAL ASSESSMENT ON ACCOUNT OF LAND-TAKING ON THE CANTON, WESTWOOD,
DEDHAM, NEEDHAM, WELLESLEY HIGHWAY.**

(Section 12, Chapter 420, Acts of 1930.)

Town of Canton	\$2,800 45
Town of Dedham	3,431 00
Town of Needham	53,834 00
Town of Westwood	4,874 00
	<hr/> \$64,939 45

ALEWIFE BROOK.(Chapter 458 of the Acts of 1911.¹)

CITIES AND TOWNS	Assessment	Interest	Total	Proportion of Total (Per Cent)
Arlington	\$136 79	\$4 79	\$141 58	24
Belmont	96 89	3 39	100 28	17
Cambridge	267 87	9 38	277 25	47
Somerville	68 39	2 39	70 78	12
	<hr/> \$569 94	<hr/> \$19 95	<hr/> \$589 89	<hr/> 100

¹ This table includes the twentieth assessment and interest under Chapter 458 of the Acts of 1911.**REFUND ON ACCOUNT OF BOULEVARDS MAINTENANCE.**

(Chap. 197, Acts of 1933.)

Arlington	\$370 57	Newton	\$964 54
Belmont	275 53	Quincy	768 08
Boston	11,385 19	Revere	237 34
Braintree	153 60	Saugus	84 83
Brookline	1,025 88	Somerville	728 76
Cambridge	1,200 46	Stoneham	90 01
Canton	56 20	Swampscott	156 10
Chelsea	321 44	Wakefield	134 70
Dedham	150 42	Waltham	347 76
Dover	23 18	Watertown	327 46
Everett	435 47	Wellesley	220 95
Hingham	92 16	Weston	55 13
Hull	106 32	Westwood	29 96
Lynn	852 18	Weymouth	286 43
Malden	428 13	Winchester	193 08
Medford	479 76	Winthrop	149 57
Melrose	219 53	Woburn	139 41
Milton	218 92		
Nahant	34 85		<hr/> \$22,884 71
Needham	140 81		

STATEMENT III.**METROPOLITAN SEWERAGE DISTRICT.***Debt, North System.*

Gross sewerage, north system, debt, April 1, 1933:

Bonds outstanding (sinking fund)	\$768,000 00
Bonds outstanding (serial)	687,500 00

\$1,455,500 00

a decrease for the year of \$94,500.00

Sinking fund, April 1, 1933	309,703 23
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an increase for the year of \$24,203.05.

Net sewerage, north system, debt, April 1, 1933	<hr/> \$1,145,796 77
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a decrease for the year of \$118,703.05.

Assessment, North System.

Sinking fund			\$15,114 97
Serial bonds			92,500 00
Interest:			
One year on \$1,439,500 00	\$52,990 00		
Four months on 14,500 00	193 33		
Interest on advances and temporary loans, estimated, 1933 . .	5,000 00		
		\$58,183 33	
Less adjustment of interest charges in 1932 .		2,279 10	
			55,904 23
Maintenance as appropriated by Legislature	\$346,645 00		
Metropolitan District Headquarters Building	\$27,000 00		
		\$373,645 00	
Less balance on hand		32,769 85	
			340,875 15
Total North Metropolitan Sewerage assessment			<u>\$504,394 35</u>

NORTH METROPOLITAN SEWERAGE DISTRICT.

Everett and Malden, Special Assessments (Chapter 512, Acts of 1911).

Bonds issued	\$62,000 00		
Previously assessed	46,000 00		
Outstanding	\$16,000 00		
Assessment for 1933 is made up as follows:			
Serial bonds due Jan. 1, 1934			\$2,000 00
Interest:			
One year on \$16,000 00	\$560 00		
Four months on 2,000 00	23 33		
			583 33
			<u>\$2,583 33</u>

Everett and Malden, one-half each.

METROPOLITAN SEWERAGE DISTRICT.

Debt, South System.

Gross sewerage, south system, debt, April 1, 1933			
Bonds outstanding (sinking fund)	\$8,077,912 00		
Bonds outstanding (serial)	3,198,000 00		
Notes outstanding	75,000 00		
			\$11,350,912 00
an increase for the year of \$894,000.00.			
Sinking fund, April 1, 1933			5,012,062 08
an increase for the year of \$424,962.00.			
Net sewerage, south system, debt, April 1, 1933			<u>\$6,338,849 92</u>
an increase for the year of \$469,038.00.			

Assessment, South System.

Sinking fund			\$178,541 75
Serial bonds	\$178,000 00		
Less premium	11,746 50		
	<u>\$166,253 50</u>		
Note issued under Chapter 240, Acts of 1928	75,000 00		
		<u>241,253 50</u>	
Interest:			
One year on	\$11,275,912 00	\$399,032 36	
Two months, four days on	150,000 00	866 67	
Interest on note issued under Chapter 240, Acts of 1928		697 92	
Interest on advances and temporary loans, estimated, 1933		6,000 00	
Adjustment of interest charges in 1932		1,035 65	
		<u>407,632 60</u>	
Maintenance as appropriated by Legislature	\$232,510 00		
Metropolitan District Headquarters Building	27,000 00		
		<u>\$259,510 00</u>	
Less balance on hand		21,610 82	
		<u>237,899 18</u>	
Total South Metropolitan Sewerage assessment			<u>\$1,065,327 03</u>

METROPOLITAN SEWERAGE LOAN.

North System — Assessment.

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Arlington	\$909 92	\$5,568 50	\$3,365 44	\$16,839 23	\$26,683 09
Belmont	677 15	4,144 00	2,504 51	10,158 08	17,483 74
Boston	1,408 72	8,621 00	5,210 27	43,495 67	58,735 66
Cambridge	2,948 93	18,046 75	10,906 92	53,074 26	84,976 86
Chelsea	789 00	4,828 50	2,918 20	21,406 96	29,942 66
Everett	1,070 14	6,549 00	3,958 02	22,600 02	34,177 18
Lexington	199 52	1,221 00	737 94	2,556 56	4,715 02
Malden	1,052 00	6,438 00	3,890 93	27,099 58	38,480 51
Medford	1,178 97	7,215 00	4,360 53	27,883 59	40,638 09
Melrose	539 60	3,302 25	1,995 78	10,805 74	16,643 37
Reading	231 26	1,415 25	855 34	4,567 73	7,069 58
Revere	583 44	3,570 50	2,157 90	16,668 79	22,980 63
Somerville	1,789 61	10,952 00	6,619 06	48,506 53	67,867 20
Stoneham	220 68	1,350 50	816 20	4,704 08	7,091 46
Wakefield	331 02	2,025 75	1,224 30	7,635 60	11,216 67
Winchester	474 61	2,904 50	1,755 39	5,931 23	11,065 73
Winthrop	367 29	2,247 75	1,358 47	7,874 22	11,847 73
Woburn	343 11	2,099 75	1,269 03	9,067 28	12,779 17
	<u>\$15,114 97</u>	<u>\$92,500 00</u>	<u>\$55,904 23</u>	<u>\$340,875 15</u>	<u>\$504,394 35</u>

Exclusive of special assessments on Everett and Malden which are included on page 24 2,583 33

\$506,977 68

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM.

Sinking Fund.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Sinking Fund at Maturity of Loan.*	Balance	Portion of Balance to be provided for this year	Sinking Fund re- quirements for 1933
\$250,000 (156,258)	July, 1943 Sunk	\$127,793 61	\$188,768 36	\$217,481 64	\$8,155 56	\$5,730 19
50,000 (31,250)	Jan., 1943 Sunk	26,000 41	37,699 24	43,550 76	1,633 15	1,168 98
55,000 (34,375)	July, 1943 Sunk	30,949 15	45,716 06	43,658 94	1,637 21	1,150 32
300,000 (127,500)	Jan., 1949 Sunk	89,050 98	161,362 49	266,137 51	8,871 25	5,081 08
113,000 (48,025)	Jan., 1949 Sunk	31,504 05	57,086 09	103,938 91	3,464 63	1,984 40
\$768,000 (397,400)	— Sunk	\$305,298 20	\$490,632 24	\$674,767 76	\$23,761 80	\$15,114 97

* Accumulations reckoned at 3¼%.

METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

Amounts provided for and to be provided for.

BONDS ISSUED	Due Dates	Amounts provided for	Amounts to be provided for	1933
\$300,000	1943	1/8 + 1/6 + 1/3	3/8	3/80
55,000	1943	1/8 + 1/6 + 1/3	3/8	3/80
300,000	1949	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30
113,000	1949	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30

NORTH METROPOLITAN SYSTEM.

Ratios of Contributions on the Basis of the Valuation of 1932 and the Census Returns of 1930. Assessment made by the Metropolitan District Commission.

CITIES AND TOWNS	State Valuation, Acts of 1932, Chapter 164	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, Federal Census, 1930	Proportion for Main- tenance and Operation (Per Cent.)
Arlington	\$65,365,525	6.02	36,094	4.94
Belmont	48,592,811 ¹	4.48	21,748	2.98
Boston:				
Charlestown and East Boston	101,123,377	9.32	93,117	12.76
Cambridge	211,754,591	19.51	113,643	15.57
Chelsea	56,699,914	5.22	45,816	6.28
Everett	76,814,578	7.08	48,424	6.63
Lexington	14,342,768 ²	1.32	5,500 ³	0.75
Malden	75,517,338	6.96	58,036	7.95
Medford	84,623,895	7.80	59,714	8.18
Melrose	38,722,275	3.57	23,170	3.17
Reading	16,580,841	1.53	9,767	1.34
Revere	41,864,532	3.86	35,680	4.89
Somerville	128,547,180	11.84	103,908	14.23
Stoneham	15,875,430	1.46	10,060	1.38
Wakefield	23,758,890	2.19	16,318	2.24
Winchester	34,058,317	3.14	12,719	1.74
Winthrop	26,384,310	2.43	16,852	2.31
Woburn	24,593,260	2.27	19,434	2.66
	\$1,085,219,832	100.00	730,000	100.00

¹ Valuation reduced by \$11,150, valuation of land in Belmont transferred to the valuation of Waltham in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewerage of the Metropolitan State Hospital.

² 64.08% of the town valuation derived from figures certified by the Board of Assessors of Lexington.

³ See letter of F. J. Spencer, Secretary of the Board of Assessors.

METROPOLITAN SEWERAGE LOAN.

South System — Assessment.

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Boston	\$63,060 95	\$85,210 74	\$143,975 84	\$120,686 25	\$412,933 78
Braintree	3,552 98	4,800 94	8,111 89	—	16,465 81
Brookline	23,710 34	32,038 46	54,133 61	15,939 25	125,821 66
Canton	1,303 35	1,761 15	2,975 72	1,950 77	7,990 99
Dedham	3,356 59	4,535 57	7,663 49	4,734 19	20,289 84
Milton	5,052 73	6,827 47	11,536 00	5,519 26	28,935 46
Needham	3,249 46	4,390 81	7,418 91	3,639 86	18,699 04
Newton	22,282 01	30,108 44	50,872 55	21,910 52	125,173 52
Norwood	3,838 65	5,186 95	8,764 10	5,043 46	22,833 16
Quincy	17,747 05	23,980 60	40,518 68	24,146 77	106,393 10
Stoughton	1,267 65	1,712 90	2,894 19	2,759 63	8,634 37
Walpole	2,392 46	3,232 80	5,462 28	2,450 36	13,537 90
Waltham	8,427 17	11,387 17	19,240 26	13,584 04	52,638 64
Watertown	7,570 17	10,229 15	17,283 62	11,704 64	46,787 58
Wellesley	5,106 29	6,899 85	11,658 29	3,830 18	27,494 61
Weymouth	6,623 90	8,950 50	15,123 17	—	30,697 57
	\$178,541 75	\$241,253 50	\$407,632 60	\$237,899 18	\$1,065,327 03

Braintree is also assessed under section 5 of Chapter 546 of the Acts of 1910 (Fifth and final assessment)	16,041 73
Canton is also assessed \$7,859.16; Norwood, \$22,112.63; Stoughton, \$7,790.33, and Walpole, \$12,237.88, under section 5 of Chapter 384 of the Acts of 1928 (Fifth assessment)	50,000 00
Weymouth is also assessed under Chapter 419 of the Acts of 1930 (Third assessment)	18,243 43
	\$1,149,612 19

METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM

Sinking Fund

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Dec. 1, 1932 Sinking Fund at Maturity of Loan.*	Balance	Portion of Balance to be provided for this year	Sinking Fund Re- quirements for 1933
\$839,000 (776,075)	Mar., 1935 Sunk	\$794,694 45	\$855,993 89	—	—	—
65,000 (57,687)	Mar., 1936 Sunk	58,678 25	65,596 83	—	—	—
1,024,912 (794,307)	July, 1939 Sunk	709,307 39	903,053 68	\$916,165 32	\$34,356 20	\$28,006 66
3,586,000 (2,644,675)	July, 1940 Sunk	2,264,999 63	2,992,832 82	3,237,842 18	121,419 08	95,369 14
996,000 (622,500)	Jan., 1943 Sunk	484,239 15	702,121 59	916,378 41	34,364 19	24,597 38
392,000 (231,933)	July, 1944 Sunk	169,578 88	259,972 29	363,960 71	12,132 03	8,213 22
175,000 (91,875)	Jan., 1946 Sunk	73,058 76	118,421 47	148,453 53	4,948 45	3,168 45
1,000,000 (525,000)	Jan., 1946 Sunk	386,217 06	626,022 02	898,977 98	29,965 93	19,186 90
\$8,077,912 (5,744,052)	— Sunk	\$4,940,773 57	\$6,524,014 59	\$6,481,778 13	\$237,185 88	\$178,541 75

* Accumulations reckoned at 3¾%.

METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

Amounts provided for and to be provided for.

BONDS ISSUED	Due Dates	Amount provided for	Amounts to be provided for	1933
\$839,000	1935	1/8 + 1/6 + 1/3 + 24/80	6/80	3/80
65,000	1936	1/8 + 1/6 + 1/3 + 21/80	9/80	3/80
1,024,912	1939	1/8 + 1/6 + 1/3 + 12/80	18/80	3/80
3,586,000	1940	1/8 + 1/6 + 1/3 + 9/80	21/80	3/80
996,000	1943	1/8 + 1/6 + 1/3	30/80	3/80
392,000	1944	1/8 + 1/6 + 9/30	1/30 + 3/8	1/30
175,000	1946	1/8 + 1/6 + 7/30	3/30 + 3/8	1/30
1,000,000	1946	1/8 + 1/6 + 7/30	3/30 + 3/8	1/30

SOUTH METROPOLITAN SYSTEM.

Ratios of Contribution on the Basis of the Valuation of 1932 and the Census Returns of 1930. Assessment made by the Metropolitan District Commission.

CITIES AND TOWNS	State Valuation, Acts of 1932, Chapter 164	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, Federal Census, 1930	Proportion for Main- tenance and Operation (Per Cent.)
Boston	\$481,488,354	35.32	359,611	50.73
All of Brighton, Hyde Park and parts of Back Bay, Rox- bury, West Roxbury and Dor- chester.				
Braintree	27,091,342	1.99	—	— ⁵
Brookline	180,958,041	13.28	47,490	6.70
Canton	9,917,017	.73	5,816	.82
Dedham	25,642,587 ¹	1.88	14,100 ²	1.99
Milton	38,616,616	2.83	16,434	2.32
Needham	24,836,013	1.82	10,845	1.53
Newton	170,141,006	12.48	65,276	9.21
Norwood	29,286,385	2.15	15,049	2.12
Quincy	135,483,484	9.94	71,983	10.15
Stoughton	9,736,341	.71	8,204	1.16
Walpole	18,304,165	1.34	7,273	1.03
Waltham	64,279,063 ³	4.72	40,447 ⁴	5.71
Watertown	57,759,904	4.24	34,913	4.92
Wellesley	38,975,064	2.86	11,439	1.61
Weymouth	50,523,479	3.71	—	— ⁵
	\$1,363,038,861	100.00	708,880	100.00

¹ 96.65% of the town valuation derived from figures certified by the Board of Assessors of Dedham.

² After deducting 1,036. Population of outer area of Dedham.

³ Including \$2,935,448 valuation of Hospital buildings and land in Lexington and Belmont added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital.

⁴ Including 1,200 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital.

⁵ No maintenance charges.

METROPOLITAN PARKS AND SEWERAGE LOANS.

Comparison of Assessments 1932 and 1933.

CITIES AND TOWNS	PARKS		SEWER	
	1932	1933	1932	1933
Arlington	\$44,903 61	\$33,375 61	\$27,763 86	\$26,683 09
Belmont	31,910 79	23,496 00	18,143 68	17,483 74
Boston	1,423,819 58	997,457 97	432,689 26	471,669 44
Braintree	18,821 94	13,969 45	29,756 79	32,507 54
Brookline	108,750 44	78,461 70	108,392 20	125,821 66
Cambridge	144,326 13	107,088 44	88,388 27	84,976 86
Canton	12,095 89	7,928 62	12,890 32	15,850 15
Chelsea	45,145 98	32,573 41	31,293 69	29,942 66
Cohasset	390 10	298 71	—	—
Dedham	25,387 64	17,046 30	17,969 99	20,289 84
Dover	2,492 02	1,803 87	—	—
Everett	54,331 33	40,605 33	36,944 95	35,468 85
Hingham	10,480 91	7,665 65	—	—
Hull	10,440 11	7,389 36	—	—
Lexington	—	—	4,882 92	4,715 02
Lynn	110,637 97	81,413 67	—	—
Malden	62,251 07	45,526 52	41,520 78	39,772 17
Medford	65,449 80	49,963 47	42,407 29	40,638 09
Melrose	27,030 49	20,149 10	17,334 15	16,643 37
Milton	25,026 78	18,369 79	25,357 00	28,935 46
Nahant	3,706 22	2,675 97	—	—
Needham	21,713 24	65,720 87	16,395 81	18,699 04
Newton	108,209 46	79,097 52	109,200 46	125,173 52
Norwood	—	—	42,289 18	44,945 79
Quincy	102,139 97	76,384 07	94,090 19	106,393 10
Reading	—	—	7,361 76	7,069 58
Revere	40,878 75	116,852 02	24,030 70	22,980 63
Saugus	12,105 85	9,270 07	—	—
Somerville	100,186 46	76,394 51	70,928 64	67,867 20
Stoneham	11,831 30	8,966 35	7,391 28	7,091 46
Stoughton	—	—	12,683 64	16,424 70
Swampscott	17,449 20	12,744 59	—	—
Wakefield	17,192 74	12,905 88	11,701 65	11,216 67
Walpole	—	—	24,066 10	25,775 78
Waltham	43,554 91	32,575 88	46,902 57	52,638 64
Watertown	40,421 59	30,146 29	41,618 83	46,787 58
Wellesley	23,772 42	17,211 64	23,785 74	27,494 61
Weston	6,070 39	4,418 65	—	—
Westwood	8,225 05	7,347 85	—	—
Weymouth	32,652 16	24,657 51	43,812 72	48,941 00
Winchester	21,560 95	15,744 07	11,456 00	11,065 73
Winthrop	18,724 66	14,003 38	12,349 48	11,847 73
Woburn	18,530 08	14,014 95	13,351 97	12,779 17
	\$2,872,617 98	\$2,205,715 04	\$1,549,151 87	\$1,656,589 87

STATEMENT IV.

CHARLES RIVER BASIN LOAN.

Gross Charles River Basin debt, April 1, 1933:

Bonds outstanding (sinking fund)	\$4,125,000 00	
Bonds outstanding (serial)	163,000 00	
		\$4,288,000 00

a decrease for the year of \$10,000.

Sinking fund, April 1, 1933 2,376,574 85

an increase for the year of \$91,990.83.

Net Charles River Basin debt, April 1, 1933	\$1,911,425 15
---	----------------

a decrease for the year of \$101,990.83.

Total Charles River Basin Assessment for 1933 — District.

Serial Bonds				\$10,000 00
Interest:				
One year on \$4,125,000 00 .	\$142,250 00			
Six months on 173,000 00 .	3,130 00			
Six months on 163,000 00 .	2,950 00			
Interest on advances and temporary loans estimated, 1933	4,000 00			
			\$152,330 00	
Less adjustment of interest charges in 1932	\$656 54			
Interest on bridge	41,381 82		42,038 36	
				110,291 64
Maintenance as appropriated by Legislature			\$198,746 00	
Less balance on hand			2,604 92	
				196,141 08
Total Charles River Basin assessment				\$316,432 72

Charles River Bridge.

Sinking fund				\$10,384 60
Interest				41,381 82
				<u>\$51,766 42</u>

Boston and Cambridge, one-half each.

CHARLES RIVER BASIN LOAN SINKING FUND.

District.

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1932	Amount of Dec. 1, 1932 Sinking Fund at Maturity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1933
\$177,272 73	Jan., 1944	\$119,976 37	\$180,544 14	—	—
283,636 36	Jan., 1945	184,961 13	288,870 63	—	—
425,454 55	Jan., 1946	267,323 11	433,305 96	—	—
815,454 55	Jan., 1947	493,682 61	830,503 05	—	—
283,636 36	Jan., 1948	165,453 01	288,870 58	—	—
602,727 28	Jan., 1949	338,764 91	613,850 07	—	—
336,818 17	Jan., 1950	182,405 46	343,033 84	—	—
\$2,925,000 00	—	\$1,752,566 60	\$2,978,978 27	—	—

Boston and Cambridge, Charles River Bridge.

\$72,727 27	Jan., 1944	\$45,240 16	\$68,078 79	\$4,648 48	\$348 54
116,363 64	Jan., 1945	70,890 62	110,716 33	5,647 31	380 50
174,545 45	Jan., 1946	95,265 57	154,416 65	20,128 80	1,227 09
334,545 45	Jan., 1947	166,740 45	280,500 97	54,044 48	2,998 37
116,363 64	Jan., 1948	53,682 82	93,726 84	22,636 80	1,148 67
247,272 72	Jan., 1949	105,034 31	190,324 67	56,948 05	2,654 57
138,181 83	Jan., 1950	53,351 36	100,333 19	37,848 64	1,626 86
\$1,200,000 00	—	\$590,205 29	\$998,097 44	\$201,902 56	\$10,384 60

* Accumulations reckoned at 3¾%.

Analysis of Charles River Basin Debt, June 30, 1933.

DEBT	Total	Cambridge, Charles River Bridge	Boston, Charles River Bridge	District
Gross debt	\$4,288,000 00	\$600,000 00	\$600,000 00	\$3,088,000 00
Sinking fund	2,385,173 43	300,443 67	300,443 67	1,784,286 09
	\$1,902,826 57	\$299,556 33	\$299,556 33	\$1,303,713 91

CHARLES RIVER BASIN LOAN — ASSESSMENT.

(For Table of percentages see page 13.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington	\$161 93	\$1,785 95	\$3,176 11	\$5,123 99
Belmont	120 40	1,327 91	2,361 54	3,809 85
Boston	4,975 02	54,870 31	97,580 58	157,425 91
Braintree	67 12	740 28	1,316 50	2,123 90
Brookline	448 28	4,944 15	8,792 61	14,185 04
Cambridge	524 57	5,785 57	10,288 97	16,599 11
Canton	24 56	270 88	481 72	777 16
Chelsea	140 46	1,549 16	2,755 00	4,444 62
Dedham	65 73	724 95	1,289 24	2,079 92
Dover	10 13	111 73	198 69	320 55
Everett	190 29	2,098 74	3,732 37	6,021 40
Hingham	40 27	444 14	789 86	1,274 27
Hull	46 46	512 41	911 27	1,470 14
Lynn	372 38	4,107 04	7,303 90	11,783 32
Malden	187 08	2,063 34	3,669 41	5,919 83
Medford	209 64	2,312 15	4,111 90	6,633 69
Melrose	95 93	1,058 03	1,881 58	3,035 54
Milton	95 66	1,055 05	1,876 29	3,027 00
Nahant	15 23	167 97	298 72	481 92
Needham	61 53	678 62	1,206 86	1,947 01
Newton	421 48	4,648 57	8,266 96	13,337 01
Quincy	335 63	3,701 72	6,583 08	10,620 43
Revere	103 71	1,143 83	2,034 18	3,281 72
Saugus	37 07	408 85	727 10	1,173 02
Somerville	318 45	3,512 24	6,246 11	10,076 80
Stoneham	39 33	433 78	771 42	1,244 53
Swampscott	68 21	752 30	1,337 88	2,158 39
Wakefield	58 86	649 18	1,154 49	1,862 53
Waltham	151 96	1,675 99	2,980 56	4,808 51
Watertown	143 09	1,578 16	2,806 58	4,527 83
Wellesley	96 55	1,064 87	1,893 74	3,055 16
Weston	24 09	265 69	472 50	762 28
Westwood	13 09	144 37	256 75	414 21
Weymouth	125 16	1,380 41	2,454 90	3,960 47
Winchester	84 37	930 53	1,654 84	2,669 74
Winthrop	65 36	720 87	1,281 98	2,068 21
Woburn	60 92	671 90	1,194 89	1,927 71
	\$10,000 00	\$110,291 64	\$196,141 08	\$316,432 72

Special assessment on Boston and Cambridge included on page 30	51,766 42
	\$368,199 14

STATEMENTS OF THE DEBTS OF THE METROPOLITAN DISTRICT, JUNE 30, 1933

	Metropolitan Parks	Metropolitan Parks, Nantasket	Metropolitan Parks, Boulevards
Bonds outstanding (Sinking Fund)	\$8,660,000 00	\$700,000 00	\$2,567,500 00
Bonds outstanding (Serial)	41,500 00	—	1,073,250 00
Gross Debt	\$8,701,500 00	\$700,000 00	\$3,640,750 00
Sinking Funds, June 30, 1933	6,941,014 14	532,278 13	1,937,228 00
Net Debt	\$1,760,485 86	\$167,721 87	\$1,703,522 00 1,559,022 00 ¹
	For percentages see page 13	For percentages see page 15	For percentages see page 13
1 Arlington	\$28,507 55	\$2,708 37	\$25,245 24
2 Belmont	21,196 25	2,013 84	18,770 62
3 Boston	875,845 24	83,211 35	839,381 27
4 Braintree	11,816 38	1,122 56	10,464 16
5 Brookline	78,919 06	7,497 84	69,887 84
6 Cambridge	92,349 81	8,773 87	81,781 62
7 Canton	4,323 75	410 92	3,828 96
8 Chelsea	24,727 78	2,349 28	21,898 02
9 Cohasset	—	463 75	—
10 Dedham	11,571 67	1,099 25	10,247 45
11 Dover	1,783 37	169 40	1,579 29
12 Everett	33,500 29	3,182 69	29,666 63
13 Hingham	7,089 48	673 57	6,278 18
14 Hull	8,179 22	777 05	7,243 22
15 Lexington	—	—	—
16 Lynn	65,556 97	6,228 35	58,054 86
17 Malden	32,935 17	3,129 02	29,166 18
18 Medford	36,906 83	3,506 39	32,683 34
19 Melrose	16,888 34	1,604 43	14,955 70
20 Milton	16,840 81	1,600 07	14,913 60
21 Nahant	2,681 22	254 77	2,374 39
22 Needham	10,832 27	1,029 14	9,592 66
23 Newton	74,200 96	7,049 69	65,709 66
24 Norwood	—	—	—
25 Quincy	59,087 19	5,613 65	100,148 99
26 Reading	—	—	—
27 Revere	18,258 00	1,734 58	16,168 62
28 Saugus	6,526 12	619 90	5,779 29
29 Somerville	56,062 67	5,326 34	49,647 06
30 Stoneham	6,923 99	657 81	6,131 63
31 Stoughton	—	—	—
32 Swampscott	12,008 27	1,140 84	10,634 09
33 Wakefield	10,362 22	984 36	9,176 40
34 Walpole	—	—	—
35 Waltham	26,752 34	2,541 82	23,690 90
36 Watertown	25,190 79	2,393 22	22,308 05
37 Wellesley	16,997 49	1,614 99	15,052 36
38 Weston	4,241 01	403 04	3,755 68
39 Westwood	2,304 48	218 88	2,040 76
40 Weymouth	22,034 24	2,093 34	19,512 72
41 Winchester	14,853 22	1,411 21	13,153 47
42 Winthrop	11,506 53	1,093 21	10,189 77
43 Woburn	10,724 88	1,019 08	9,497 56
	\$1,760,485 86	\$167,721 87	\$1,670,610 24 ²

¹ See page 31 for details.² District proportions.³ Exclusive of \$32,911.76, share of counties of Norfolk and Plymouth and the Bay State Street Railway Company.⁴ Exclusive of \$300,000.00 notes for Building for Metropolitan District Commission, to be assessed as maintenance charges.

(SECTION 11, CHAPTER 10, GENERAL LAWS).

Metropolitan Sewerage, North System	Metropolitan Sewerage, South System	Metropolitan Water	Charles River Basin		
\$768,000 00 687,500 00	\$8,077,912 00 3,573,000 00	\$41,398,000 00 23,131,000 00	\$4,125,000 00 163,000 00		
\$1,455,500 00 310,898 87	\$11,650,912 00 5,030,195 98	\$64,529,000 00 31,934,713 18	\$4,288,000 00 2,385,173 43	Total	
\$1,144,601 13 1,128,601 13 ²	\$6,620,716 02 -	\$32,594,286 82 -	\$1,902,826 57 ¹ 1,303,713 91 ²		
For percentages see page 26	For percentages see page 28	For percentages see page 7	For percentages see page 13		
\$67,941 79 50,561 33 105,185 62 - - 220,190 08 58,912 98 - - 87,904 96 - 14,897 53 86,550 64 88,030 89 40,291 06 - - - - 17,267 60 43,564 00 - 133,626 37 16,477 58 - - 24,716 36 - - - - - 35,438 08 27,425 01 25,619 25	- - \$2,338,436 90 131,752 25 879,231 09 - 48,331 23 - 124,469 46 - - - - - 187,366 26 120,497 03 826,265 36 142,345 40 658,099 17 - - - - - - 47,007 08 - - 88,717 59 312,497 80 280,718 36 189,352 48 - - 245,628 56 - -	\$543,053 41 406,646 32 20,785,148 54 - 1,385,583 14 - 759,903 20 - - 989,041 04 - 187,743 09 - 847,777 40 848,755 23 391,522 57 280,702 00 55,084 35 119,458 06 1,323,393 23 - 504,201 02 - 1,935,188 01 172,130 43 - 212,286 59 - - 558,405 32 - - - - - 288,263 87 -	\$21,111 04 15,696 71 948,156 61 8,750 53 58,442 89 367,945 25 3,201 92 18,311 97 - 8,569 31 1,320 66 24,808 37 5,250 06 6,057 05 - 48,547 70 24,389 88 27,331 06 12,506 53 12,471 33 1,985 56 8,021 75 54,948 93 - 43,756 55 - 13,520 82 4,832 87 41,516 77 5,127 51 - 8,892 63 7,673 66 - 19,811 24 18,654 84 12,587 36 3,140 65 1,706 56 16,317 28 10,999 43 8,521 07 7,942 22	\$688,567 40 514,885 07 25,975,365 53 163,905 88 2,479,561 86 771,040 63 60,096 78 886,103 23 463 75 155,957 14 4,852 72 1,168,103 98 19,291 29 22,256 54 202,640 62 178,387 88 1,023,948 29 1,037,213 74 477,768 63 513,894 07 62,380 29 149,972 85 1,147,632 66 142,345 40 2,190,098 78 17,267 60 597,447 04 17,758 18 2,221,367 22 207,448 95 47,007 08 244,962 42 52,913 00 88,717 59 385,294 10 907,670 58 235,604 68 11,540 38 6,270 68 305,586 14 75,855 41 346,999 46 54,802 99	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43
\$1,144,601 13	\$6,620,716 02	\$32,594,286 82	\$1,902,826 57	\$45,861,248 51 ⁴	

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